

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A ~~device~~ ~~(21)~~ system for placing a vascular implant (10) comprising:

- a vessel dilation device (1) with an outer envelope (2) and a tapered end piece for introduction into a vessel, whereby said end piece consists of a nose (14) formed at the distal extremity of the outer envelope (2) and the dilation device (1) comprises means for opening the nose (14), consisting of at least two longitudinal slots (16a, 16b, 16c, 16d) which divide the nose (14) into several segments (15a, 15b, 15c, 15d) which can be opened out in order to open the nose (14);

- an implant (10) which is placed in the outer envelope (2), wherein the implant (10) includes an auto-expandable element (24) which presses against the internal wall of the outer envelope (2); and

- means for translation of said implant (10) in relation to the outer envelope (2) such that the expandable auto-expandable element (24) ~~can press against~~ is in contact with the internal wall of the nose (14) in order to open out the segments (15a, 15b, 15c, 15d);

~~characterised in that:~~

~~the implant (10) includes an expandable element (24) which presses against the internal wall of the outer envelope (2).~~

2. (currently amended) The device system according to Claim 1 characterised in that:

- the means of translation include an inner sheath (3) mounted so as to slide in the outer envelope (2) and push the expandable element (24).

3. (currently amended) The device system according to Claim 2 characterised in that:

- the implant (10) includes a second, hollow expandable element (25) and a hollow intermediate section (26) that is deformable by twisting;

- the second expandable element (25) presses against the internal wall of the inner sheath (3); and

- the inner sheath (3) is mounted so as to slide and rotate in the outer envelope (2).

4. (currently amended) The device (1) system according to Claim 2, further comprising:

- a grip (6) that is an integral part of the outer envelope (2).

5. (currently amended) The device (1) system according to Claim 4, further comprising:

- a grip (7) that is an integral part of the inner sheath (3).

6. (currently amended) The ~~device (1)~~ system according to Claim 5 in characterised in that:

- the grip (7) on the inner sheath is located behind the grip (6) on the outer envelope (2) and includes a removable spacer (8) situated between said grips (6, 7) to maintain the space between said grips.

7. (currently amended) The ~~device (1)~~ system according to Claim 1 characterised in that:

- the segments that can be deployed (15a, 15b, 15c, 15d) are joined as required along the slots (16a, 16b, 16c, 16d) when the nose (14) is closed.

8. (currently amended) The ~~device (1)~~ system according to Claim 7 characterised in that:

- the nose (14) includes a temporary connector (17) by slot (16a, 16b, 16c, 16d) between the segments (15a, 15b, 15c, 15d).

9. (currently amended) The ~~device (1)~~ system according to Claim 1 characterised in that:

- the nose (14) includes a central residual passage (18).

10. (currently amended) The ~~device (1)~~ system according to Claim 1 characterised in that:

- the nose (14) includes a shape memory so that the nose (14) is closed as a default position when the means of opening are inactive.

11. (currently amended) The ~~device (1)~~ system according to Claim 3, further comprising:

- a plunger (4) mounted in such a way as to slide in the inner sheath (3) and can press against the free end of the second expandable element.

12. (currently amended) The ~~device (1)~~ system according to Claim 11, further comprising:

- a grip (12) that is an integral part of the plunger (4) located behind the grip (7) that is an integral part of the inner sheath (3) and it also includes a removable spacer (9) placed between said grips (7, 12) to maintain them apart.

13. (currently amended) The ~~device (1)~~ system according to Claim 3, further comprising:

- means of adjusting (19, 20) the angle of the inner sheath (3).

14. (currently amended) The ~~device (1)~~ system according to Claim 1, further comprising:

- a central channel (27) along the line of the outer envelope (2) to allow a guide wire to be passed through.

15. (currently amended) The ~~device (1)~~ system according to Claim 3, further comprising:

- a grip (6) that is an integral part of the outer envelope (2).

16. (currently amended) The ~~device~~ ~~(1)~~ system according to Claim 2, further comprising:

- a grip (7) that is an integral part of the inner sheath (3).